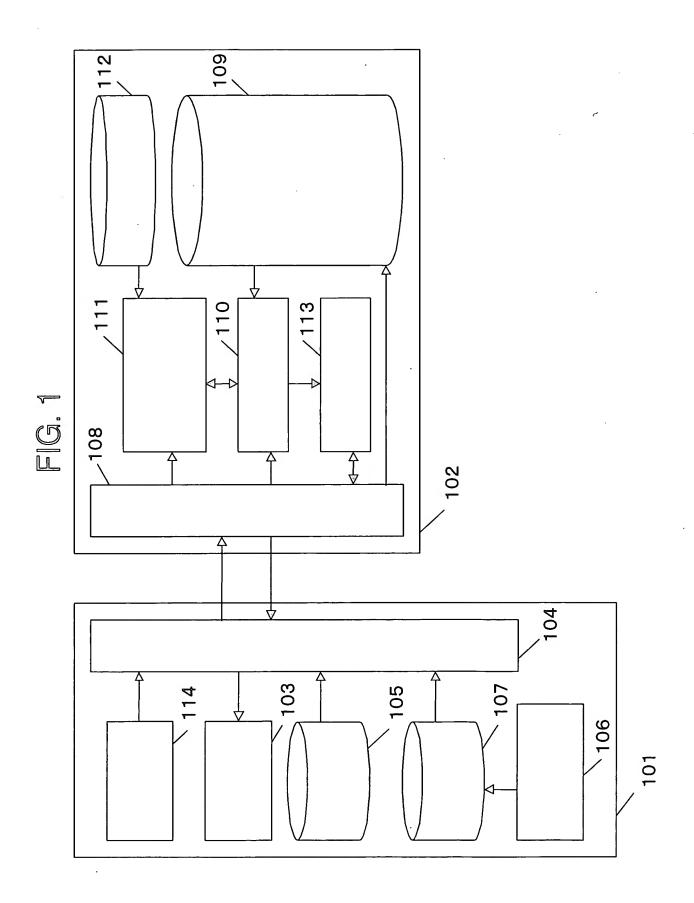
M. Nichogi et al.
INFORMATION PROCESSING SYSTEM
FOR DISPLAYING IMAGE ON
INFORMATION TERMINAL
MAT-8499US Cust. #23122



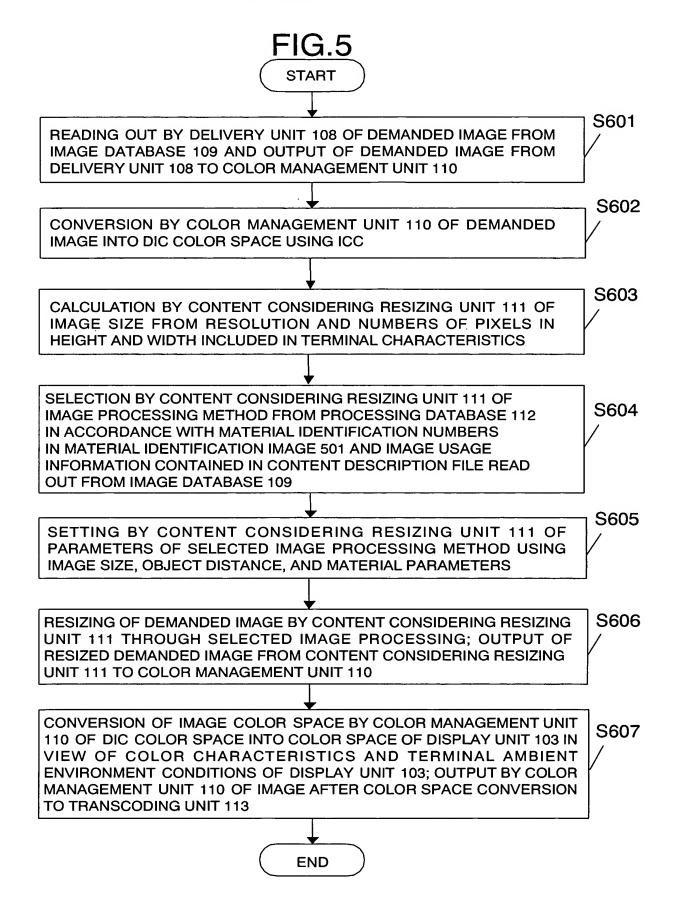
```
<rdf:RDF xmlns:rdf=http://www.w3.org/19999/02/22-rdf-syntax-ns#>
                                                                                                                                                                                                                                                                                                                                                                                                                                                            <prf:WhiteColorant>(0.3127,0.3290) </prf:WhiteColorant>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            cprf:AmbientIlluminant>dark/prf: AmbientIlluminant >
                                                                                                                                                                                                                                                                                                                                                                                     cprf:GreenColorant>(0.30,0.60) /prf:GreenColorant>
                                                                                                                                                                                                                                                                                                                                               cprf:RedColorant>(0.64,0.33) /prf: RedColorant >
                                                                                                                                                                                                                                                                                                                                                                                                                          cprf:BlueColorant>(0.15,0.06) /prf:BlueColorant>
                                                                                                                                                     cprf:ImageCapable>Yes</prf:ImageCapable>
                                                                                                                                                                                       cprf:ColorCapable>Yes</prf:ColorCapable>
                                                                                                                                                                                                                                                                  cprf:ScreenSize>120x102</prf:ScreenSize>
                                                                                                                                                                                                                                cprf:BitsPerPixel>24</prf:BitsPerPixel>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       cprf:Luminance>100</prf:Luminance>
                                                                                                                cprf:Vendor>Panasonic</prf:Vendor>
                                                                                                                                                                                                                                                                                                          cprf:Gamma>2.1 </prf:Gamma>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           <rdf:li>image/gif</rdf:li>
<?xml version="1.0"?>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       cprf:CcppAccept>
                                                                         <rdf:Description>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                </rdf:Description>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                </rdf:Bag>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      <rdf:Bag>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         </rdf:RDF>
```

## FIG.3

Profile Class: AToB0Tag
redColorantTag
blueColorantTag
redTRCTag
greenTRCTag
blueTRCTag
mediaWhitePointTag

FIG.4

6	6	6	6	9	6	6	9	6
9	9	9	9	9	1	1	9	6
9	9	9	2	2	_	1	5	9
9	9	6	2	2	1	_	5	9
9	9	9	2	2	1	1	5	9
9	9	9	2	2	2	5	5	6
9	9	6	2	2	2	5	5	6
9	9	9	9	9	9	9	9	6
9	9	9	9	9	9	9	9	9
9	9	9	9	9	9	9	9	9



M. Nichogi et al.
INFORMATION PROCESSING SYSTEM.
FOR DISPLAYING IMAGE ON
INFORMATION TERMINAL
MAT-8499US Cust. #23122

## **FIG.6**

MATERIAL IMAGE USAG IDENTIFICATION NUMBER	NATURAL IMAGE	90
1: METAL	GRANULARITY EMPHASIS PROCESSING + GLOSSINESS AND LIGHTNESS EMPHASIS PROCESSING	GLOSSINESS AND LIGHTNESS EMPHASIS PROCESSING + COLOR GAMUT ENLARGEMENT PROCESSING
2: PLASTIC	GRANULARITY EMPHASIS PROCESSING + GLOSSINESS AND LIGHTNESS EMPHASIS PROCESSING	GLOSSINESS AND LIGHTNESS EMPHASIS PROCESSING + CHROMATICNESS EMPHASIS PROCESSING + COLOR GAMUT ENLARGEMENT PROCESSING
3: VINYL	GRANULARITY EMPHASIS PROCESSING + IMAGE GAMMA CONVERSION PROCESSING + EDGE EMPHASIS PROCESSING	IMAGE GAMMA CONVERSION
4: GLASS	GRANULARITY EMPHASIS PROCESSING + IMAGE GAMMA CONVERSION	IMAGE GAMMA CONVERSION
5: СLОТН	GRANULARITY EMPHASIS PROCESSING + EDGE EMPHASIS PROCESSING	CHROMATICNESS EMPHASIS PROCESSING + COLOR GAMUT ENLARGEMENT PROCESSING
6: OTHERS	GRANULARITY EMPHASIS PROCESSING + EDGE EMPHASIS PROCESSING	COLOR GAMUT ENLARGEMENT PROCESSING

FIG.7A

OBJECT DISTANCE MATERIAL GRANULARITY	30cm	50cm
σ<1 mm	3	5
1 mm<σ<1 cm	2	3
1 cm<σ<3 cm	1	2
3 cm<σ	1	2

FIG.7B

TARGET IMAGE SIZE MATERIAL IDENTIFICATION NUMBER	120x150	1280x1024
1: METAL	2	1
2: PLASTIC	5	3
3: VINYL	1	1
4: GLASS	1	1
5: CLOTH	5	3
6: OTHERS	3	3



READING OUT BY DELIVERY UNIT 108 OF DEMANDED IMAGE FROM IMAGE DATABASE 109 AND OUTPUT OF DEMANDED IMAGE FROM DELIVERY UNIT 108 TO COLOR MANAGEMENT UNIT 110

S1101

CONVERSION BY COLOR MANAGEMENT UNIT 110 OF DEMANDED IMAGE INTO DIC COLOR SPACE USING ICC; CONVERSION OF IMAGE COLOR SPACE BY COLOR MANAGEMENT UNIT 110 OF DIC COLOR SPACE INTO COLOR SPACE OF DISPLAY UNIT 103 IN VIEW OF COLOR CHARACTERISTICS AND TERMINAL AMBIENT ENVIRONMENT CONDITIONS OF DISPLAY UNIT 103; OUTPUT BY CONTENT CONSIDERING RESIZING UNIT 111 OF IMAGE AFTER COLOR SPACE CONVERSION

S1102

CALCULATION BY CONTENT CONSIDERING RESIZING UNIT 111 OF IMAGE SIZE FROM RESOLUTION AND NUMBERS OF PIXELS IN HEIGHT AND WIDTH INCLUDED IN TERMINAL CHARACTERISTICS

S1103

SELECTION BY CONTENT CONSIDERING RESIZING UNIT 111 OF MAGE PROCESSING METHOD FROM PROCESSING DATABASE 112 IN ACCORDANCE WITH MATERIAL IDENTIFICATION NUMBERS IN MATERIAL IDENTIFICATION IMAGE 501 AND IMAGE USAGE INFORMATION CONTAINED IN CONTENT DESCRIPTION FILE READ OUT FROM IMAGE DATABASE 109

S1104

SETTING BY CONTENT CONSIDERING RESIZING UNIT 111
OF PARAMETERS OF SELECTED IMAGE PROCESSING METHOD USING IMAGE SIZE, OBJECT DISTANCE, AND MATERIAL PARAMETERS

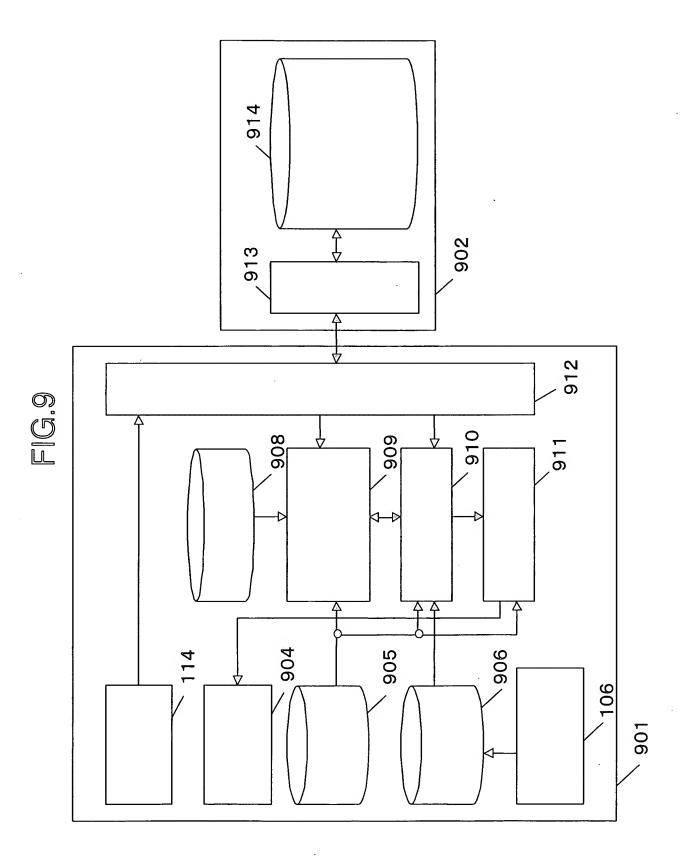
S1105

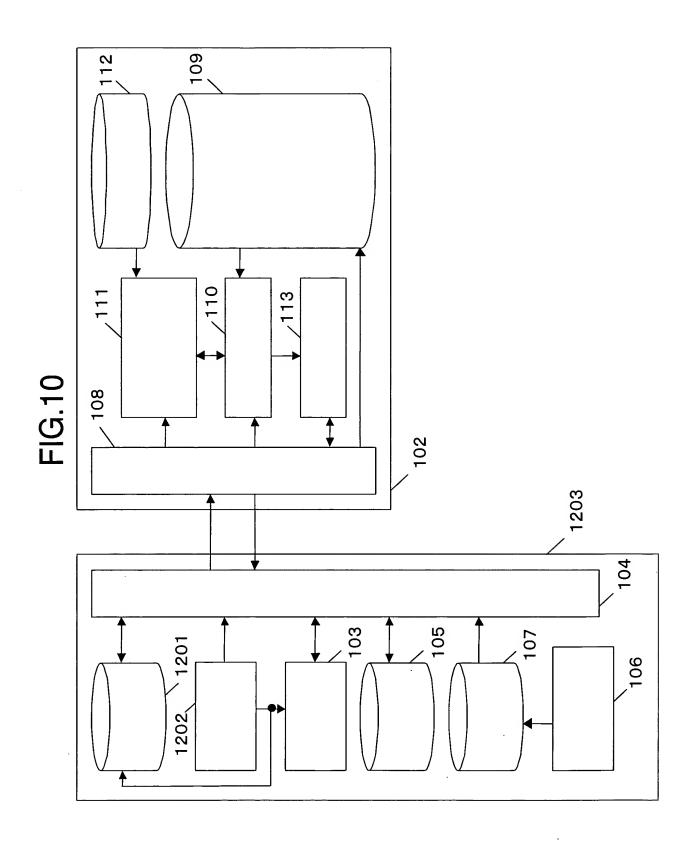
SELECTED IMAGE PROCESSING AND RESIZING OF IMAGE BY CONTENT CONSIDERING RESIZING UNIT 111; OUTPUT OF OBTAINED IMAGE FROM CONTENT CONSIDERING RESIZING UNIT 111 TO TRANSCODING UNIT 113

S1106

END

M. Nichogi et al.
INFORMATION PROCESSING SYSTEM
FOR DISPLAYING IMAGE ON
INFORMATION TERMINAL
MAT-8499US Cust. #23122



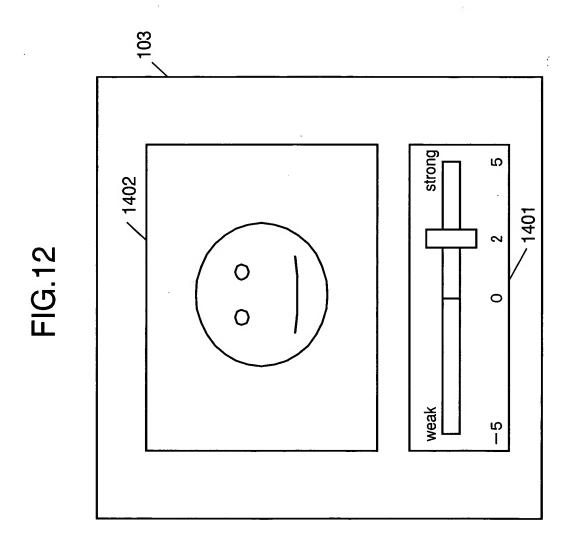


M. Nichogi et al.
INFORMATION PROCESSING
SYSTEM FOR DISPLAYING IMAGE
ON INFORMATION TERMINAL
MAT-8499US Cust. #23122

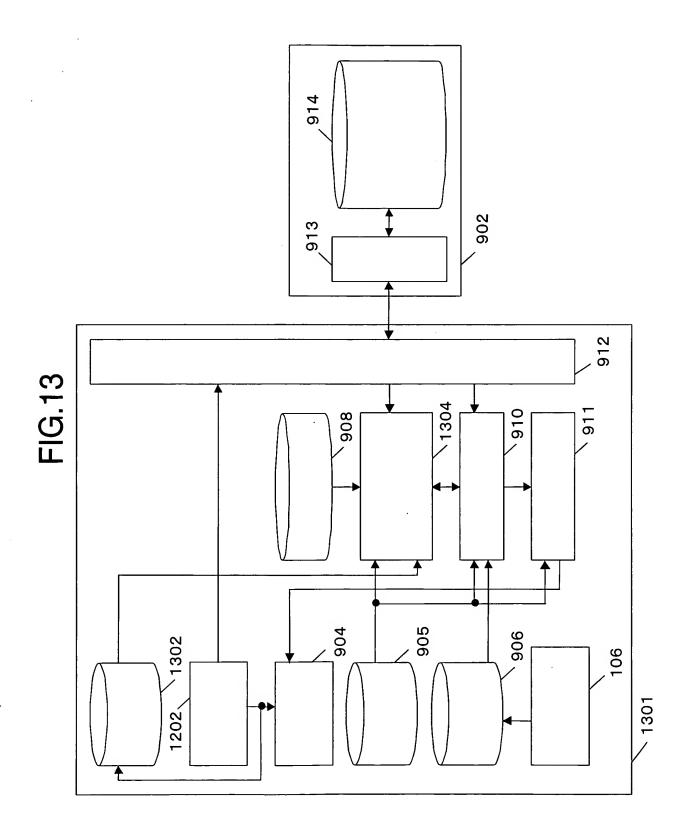
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(	Γ	)
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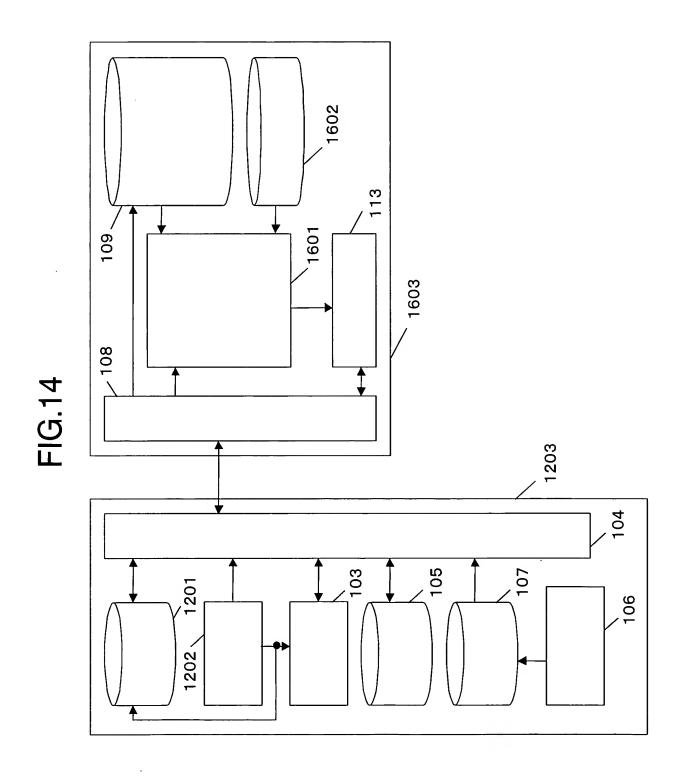
/ 1003	ROFILE	10	L	AP NONE	RIGHT 1.5	LEFT 1.5	15		NONE	RIGHT 1.2	LEFT 1.3	20	1	P NONE	RIGHT 1.0	LEFT 0.8
	USER PF	AGE	VISUAL	HANDICAP	VISUAL	POWER	AGE	VISUAL	HANDICAP	VISUAL	POWER	AGE	VISUAL	HANDICAP	VISUAL	POWER
/ 1002	USER IMAGE PREFERENCE USER IMAGE DISPLAY HISTORY USER PROFILE	TEXTURE EMPHASIS DEGREE	HISTORY OF FIVE LATEST	IMAGES	CG: 5, 3, 4, 4, 2	NATURAL IMAGE: 0, 1, 2, -1, 3	TEXTURE EMPHASIS DEGREE	HISTORY OF FIVE LATEST	IMAGES	CG: 4, 4, 3, 2, 4	NATURAL IMAGE: -1, -4, -2, -5, 0	TEXTURE EMPHASIS DEGREE	HISTORY OF FIVE LATEST	IMAGES	CG: -4, -2, -1, 0, -1	NATURAL IMAGE: 0, 1, 2, -1, 0
/ 1001	USER IMAGE PREFERENCE	USER A	CG: TEXTURE EMPHASIS	DEGREE: 5	NATURAL IMAGE: TEXTURE CG: 5, 3, 4, 4, 2	EMPHASIS DEGREE: 2	USER B	CG: TEXTURE EMPHASIS	DEGREE: 4	NATURAL IMAGE: TEXTURE CG: 4, 4, 3, 2, 4	EMPHASIS DEGREE: -3	USERC	CG: TEXTURE EMPHASIS	DEGREE: -2	NATURAL IMAGE: TEXTURE   CG: -4, -2, -1, 0, -1	EMPHASIS DEGREE: 1

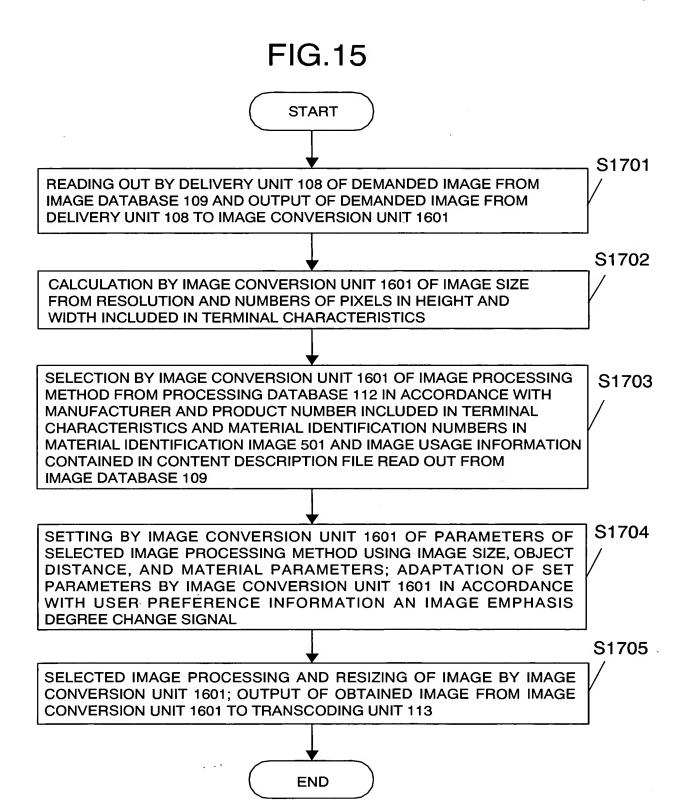
M. Nichogi et al.
INFORMATION PROCESSING
SYSTEM FOR DISPLAYING IMAGE
ON INFORMATION TERMINAL
MAT-8499US Cust. #23122



M. Nichogi et al.
INFORMATION PROCESSING
SYSTEM FOR DISPLAYING IMAGE
ON INFORMATION TERMINAL
MAT-8499US Cust. #23122







M. Nichogi et al.
INFORMATION PROCESSING
SYSTEM FOR DISPLAYING IMAGE
ON INFORMATION TERMINAL
MAT-8499US Cust. #23122

## FIG. 16

MANUFACTURER: MATERIAL PRODUCT IDENTIFICATION NUMBER NUMBER	MANUFACTURER A: A001	MANUFACTURER B: B001
1: METAL	LUT + GRANULARITY EMPHASIS PROCESSING + GLOSSINESS AND LIGHTNESS EMPHASIS PROCESSING	3 x 3 MATRIX + GLOSSINESS AND LIGHTNESS EMPHASIS PROCESSING
2: PLASTIC	LUT + GRANULARITY EMPHASIS PROCESSING + GLOSSINESS AND LIGHTNESS EMPHASIS PROCESSING	3×3 MATRIX + GLOSSINESS AND LIGHTNESS EMPHASIS PROCESSING
3: VINYL	GRANULARITY EMPHASIS PROCESSING + IMAGE GAMMA CONVERSION PROCESSING + EDGE EMPHASIS PROCESSING	GRANULARITY EMPHASIS PROCESSING + IMAGE GAMMA CONVERSION PROCESSING + EDGE EMPHASISPROCESSING
4: GLASS	GRANULARITY EMPHASIS PROCESSING + IMAGE GAMMA CONVERSION PROCESSING	GRANULARITY EMPHASIS PROCESSING
5: СLОТН	LUT + GRANULARITY EMPHASIS PROCESSING + EDGE EMPHASIS PROCESSING	3 x 3 MATRIX + GRANULARITY EMPHASIS PROCESSING + EDGE EMPHASIS PROCESSING
6: OTHERS	GRANULARITY EMPHASIS PROCESSING + EDGE EMPHASIS PROCESSING	GRANULARITY EMPHASIS PROCESSING + EDGE EMPHASIS PROCESSING

M. Nichogi et al.
INFORMATION PROCESSING
SYSTEM FOR DISPLAYING IMAGE
ON INFORMATION TERMINAL
MAT-8499US Cust. #23122

